

Wyoming – NRCS

Report #1

Weekly Snow Report

December 12, 2022

Good day to all. This is the 1st Snow Report for Water Year 2023 (2022-2023 snow season). Currently the state's SNOTELs are reading 114% of median with a basin high of 160% and a basin low of 46%. Last year the state was at 69%, and at 79% in 2018. The map may differ slightly from the table depending upon how many stations were reporting at the time. This report and a map displaying basin SWE percentages of median for the state may be found at: <http://www.wrds.uwyo.edu/wrds/nrcs/nrcs.html>.

For information on the use of median vs. average go to http://www.wcc.nrcs.usda.gov/normals/median_average.htm

SNOW WATER EQUIVALENT AS PERCENT OF MEDIAN. The following table shows the percent of median for today, the 2 previous weeks, one year ago, and two years ago for Wyoming basins. Normal (median) is based on all reporting SNOTEL sites in the basin with calculated medians (newer SNOTEL sites do not have medians figured), but does not include manually measured snow courses. The statewide SNOTEL percent of median is a percent of median using all SNOTEL sites in Wyoming with calculated medians. The weighted state average is figured using the area of basins (square miles). The reference period for computing medians is the 30-year period 1991 through 2020.

Basin	12/12/2022	12/5/2022	11/28/2022	12/12/2021	12/12/2020
Snake	121	126	111	58	85
Madison	160	171	143	61	73
Yellowstone	120	121	104	65	112
Wind	108	114	95	71	78
Bighorn	95	100	90	79	73
Shoshone	101	103	88	54	98
Powder	114	124	113	85	63
Tongue	102	107	94	83	89
Belle Fourche	91	90	110	63	35
Cheyenne	90	88	110	71	48
Upper North Platte	96	94	79	83	67
Sweetwater	132	140	115	67	81
Lower North Platte	83	88	76	56	14
Laramie	85	85	66	68	63
South Platte	46	58	43	8	0
Little Snake	120	119	114	79	57
Upper Green	101	107	88	55	81
Lower Green	143	139	127	63	74
Upper Bear	143	144	133	57	72
Statewide SNOTEL Percent of Median	114	117	102	69	79
Weighted State Average (Area)	105	108	98	68	64
Minimum	46	58	43	8	0
Maximum	160	171	143	85	112

red = down
blue = up
green = same
* data is suspect

For more info contact:

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NRCS Snow Survey

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Snow Water Equivalent

Wyoming Basins Snow Water Equivalent (SWE) % of Median

December 12, 2022, first of day

Percent NRCS 1991-2020 Median

